

# Treated Distillate Aromatic Extract Oil

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This document provides a brief description of Treated Distillate Aromatic Extract Oil, its uses, and the potential hazards associated with short and long term exposure. Environmental impact information for accidental releases is included. This information is general in nature and is not intended as a replacement for the material safety data sheet (SDS), product label and other safe handling literature. For additional information consult the LANXESS Corporation safety data sheet.

## Identification

**Product Name:** Treated Distillate Aromatic Extract Oil  
**Synonym(s):** TDAE

## Description

**Overview:** Treated Distillate Aromatic Extract Oil is a brown, viscous liquid at ambient temperatures. The chemical compound has a mild, characteristic odor.

**Uses:** Treated Distillate Aromatic Extract Oil is used by LANXESS as an ingredient (softener/plasticizer) or processing aid in the production of natural and synthetic rubber products. The chemical compound is also used as an ingredient in certain engine, gear and lubricating oils.

**Properties:** **Solubility in Water:** Slight

## Potential Human Health Effects

### Occupational Exposure

Potential for occupational exposure exists during manufacture, at unloading, storage and staging areas, and during transfer, maintenance and quality control operations in facilities where Treated Distillate Aromatic Extract Oil is used in the manufacture of other products. A much lower potential for exposure exists in facilities using Treated Distillate Aromatic Extract Oil in closed manufacturing processes by trained personnel.

### Employee Training

Workers handling Treated Distillate Aromatic Extract Oil should be trained to implement proper handling procedures and to understand the potential health and physical hazards of this product. A respirator (A2 or A2/P2 filter type) should be used where airborne concentrations of vapor or mist may occur. In addition, LANXESS recommends splash goggles or face shield, chemical/oil resistant gloves and clothing, and suitable protective footwear be worn when handling Treated Distillate Aromatic Extract Oil. Heat-resistant gloves should be worn when handling heated materials. If contact with forearms is likely wear gauntlet style gloves.

### Consumer Exposure

LANXESS Corporation does not sell Treated Distillate Aromatic Extract Oil to the general public.

### Short-Term Health Effects

Skin or eye contact may be mildly irritating. Contact with heated Treated Distillate Aromatic Extract Oil may cause thermal burns. Inhalation of Treated Distillate Aromatic Extract Oil vapors or mists in sufficient quantities may cause headache or dizziness. Ingestion of the chemical compound in sufficient quantities may cause diarrhea and nausea.

### Long-Term Health Effects

Prolonged or repeated skin contact may cause dermatitis.

## Physical Hazards

Treated Distillate Aromatic Extract Oil is stable under normal conditions of use. Avoid contact with strong oxidizing agents. Heating to decomposition may release carbon oxides, nitrogen oxides and other potentially toxic fumes and gases. Treated Distillate Aromatic Extract Oil is flammable. Avoid heat, open flames and other potential sources of ignition.

## Potential Environmental Impact

Treated Distillate Aromatic Extract Oil is not readily biodegradable. An accidental release of this product to the environment is not expected to be harmful to aquatic organisms.

## Conclusion

Under normal conditions of anticipated use as described in this Product Safety Assessment, and if the recommended safe use and handling procedures are followed, Treated Distillate Aromatic Extract Oil is not expected to pose a significant risk to human health or the environment.

## References

*MedlinePlus Medical Encyclopedia*, U.S. National Library of Medicine and the National Institutes of Health

## **Contact Information**

LANXESS Corporation, Product Safety & Regulatory Affairs, 111 RIDC Park West Drive,  
Pittsburgh, PA 15275-1112, USA, Phone 1-800-526-9377 [1-800-LANXESS]

## **Notices**

### **Use and Application Information**

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.